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PLANT IND. SOILS & AGR. ENG.

BULBS OF QUALITY

SEP 18 1945

U. S. Department of Agriculture

*American Grown
for American Gardens*

1945



TULIP GRANGE
P. O. Box, Washington

THE BULBS here listed are grown by us on soils containing the combinations of plant foods needed to produce perfect bulbs; all are top size and selected quality. None that are cut, bruised or mildewed are used, and all are hardy. There is distinctly an advantage in buying American grown bulbs for American gardens, provided they are *well* grown, and purchasing directly from the grower insures ease of adjustment in case of unavoidable error.

Having spent many years in selecting varieties to insure having only those scoring high on all points, and of proven desirability and popularity, we are not using valuable catalog space with reiterated descriptive superlatives; rather we have tried to state concisely the distinguishing points of interest of each variety.

We guarantee bulbs true to name. We file orders for Fall delivery, and ship them in rotation as filed. We begin shipping about September 1st. To customers not having established credit we ship C.O.D. unless advance payment accompanies order. When bulbs reach you, open the package and place contents in cool, dry, well ventilated storage until planting time. Prices include packing. A table giving approximate weight of bulbs in the various classes will be found on the inside back cover.

Please do not ask us to send mail orders amounting to less than \$1.00. Residents of Washington please add 3% State Sales Tax.

Prices in this book cancel all previously quoted and are subject to stock being unsold at date of order.

TULIP GRANGE,

By MARY BROWN STEWART.

NARCISSI

FEBRUARY GOLD. Cyclamineus hybr; bright yellow; perianth recurves, giving airy pose to this small but precious daff, and its golden beauty dominates the garden scene weeks before the real daffodil show. Doz. \$2.50.

CANALICULATUS. A dainty little Polyanthus Narcissus suitable for sunny situations in the rock garden; it has narrow erect bluish green foliage and bears heads of three to four flowers with white perianth and globular golden cup, sweetly scented; height 6 inches.

JONQUILLA SIMPLEX. The true single fragrant jonquil; small yellow flowers in clusters of 3 to 5. Doz. \$1.00.

JONQUILLA FLORE-PLENO. Rare and desirable; fragrant, double; like little yellow roses in clusters of 3 to 5 in flexible stem. Doz. \$1.50.

CAMPERNELLI. Soft yellow; single; fragrant; in clusters of 3 to 5 on good stem. Doz. \$1.00.

CAMPERNELLI PLENUM. Soft yellow; a small daffodil, with little trumpets of tightly rolled sepals, in cluster form; fragrant. Doz. \$1.00.

NOTE: A complete list of Narcissi—commercial varieties—will be sent upon request.—M. B. S.

HYACINTHS

LARGE SIZES. Each 50c to 75c.

BEDDING SIZE. Colors blue, white, pink, or mixed. Doz. \$3.50.

TULIPS

Tulip orders should reach us by October 15th of possible. Prices are for select top size bulbs.

DARWIN TULIPS

ALLARD PIERSON. Earliest of the Darwins. Extra long stems, stands longer in good condition than any other; a rich cardinal red in color. Earliest forcer. Doz. \$1.25.

BARTIGON. Clear crimson. Base white. Doz. \$1.25.

CENTENAIRE. Clear rose, extra large. Doz. \$1.25.

CITY OF HAARLEM. Dark red with black and white center. Doz. \$2.00.

CLARA BUTT. The standard pink Darwin. Doz. \$1.25.

EUROPE. Salmon rose, deepening to rich crimson. White base. Doz. \$1.25.

EUNICE. Enormous flower of rose pink. Doz. \$2.00.

FAUST. Best of the dark varieties. Doz. \$1.50.

FLAMINGO. Pink, retaining its color instead of changing to rose. Doz. \$1.25.

KING MAUVE. Pale mauve, suggestive of orchid, with paler edges. Delicately beautiful. Doz. \$2.00.

MRS. POTTER PALMER. A purple. In good light a flame of ruby-amethyst. Doz. \$1.25.

PRINCESS ELIZABETH. Vivid pink with lighter edge. Doz. \$1.35.

PRIDE OF HAARLEM. Crimson. One of the standard varieties. Doz. \$1.25.

ROSE COPELAND. Lilac rose. Doz. \$1.35.

WM. PITTS. One of the finest of all red tulips. Forcer. Doz. \$1.35.

YELLOW GIANT. A regal yellow tulip of true Darwin form. Blooms with the first of the Darwins. 30 inches in height. A good keeper and one of the best show varieties. Doz. \$2.00.

BREEDER TULIPS

BRONZE QUEEN. Soft lilac fawn with buff interior. Doz. \$1.25.

BRIGADIER. Coppery gold with flames of dull rose. Olive shadings in base. Color effect is rosy golden copper. Doz. \$2.00.

CARDINAL MANNING. One of the largest breeders; a blend of wine red and rosy bronze. Late. Doz. \$1.50.

CHERBOURG. Orange yellow suffused with terra cotta toward base. Globe shape, strong tall stem. Doz. \$2.00.

CREATION. Shiny coppery bronze. Probably the best of its color. Doz. \$2.00.

DON PEDRO. Brown with red-brown interior flamed gold. Doz. \$1.50.

GARIBALDI. Tawny bronze with lighter edge. Long, pointed petals. Rich and elegant. Doz. \$1.75.

INDIAN CHIEF. Purplish margin blending into rich brown mahogany. Yellow base. Doz. \$2.00.

LOUIS XIV. Royal purple, with wide margin of golden bronze. Doz. \$1.50.

PRINCE OF ORANGE. Globular form. Color bronzy-rose shadings to orange. Base bright gold on brown. Doz. \$1.50.

PINK PEARL. Clear pink shading to brilliant rose, with center of pure gold. Immense bloom. Doz. \$1.75.

SUPERBA. Chestnut brown with thread edge of gold. Doz. \$1.25.

VELVET KING. Extra large, deepest violet, with clear white base. Doz. \$1.50.

COTTAGE TULIPS

ALBINO. Very early White. Doz. \$1.35.

AVIS KENNICOTT. Large yellow flower with black base. Lemon scented. Doz. \$1.25.

BARBARA PRATT. Cherry pink with light edge. Canary base, yellow anthers. Doz. \$1.50.

BERANGER. Deep cup with pointed petals. Coppery old gold; brighter within. Base gold to olive, brown anthers. Doz. \$1.75.

DIDO. Very large oval bloom shading from bright pink through salmon to golden orange; and changing within to bright gold with base of coppery green. Doz. \$1.50.

ELLEN WILMONT. Creamy yellow, long petals, good stem and extra good keeper. Doz. \$1.25.

GOLDEN HARVEST. Large, deep lemon-yellow flower. Doz. \$3.00.

GRENADEIER. Tangerine. A large blossom. Doz. \$1.25.

G. W. LEAKE. Vermilion scarlet, deep cream base and ivory stamens. The arrangement of wide pointed petals gives it a triangular effect. Doz. \$1.75.

INGLES COMBE YELLOW. Glossy canary-yellow. Large, globular flowers. Doz. \$1.25.

LOHENGRIN. Bright shining red, seeming translucent, because of its wide white base and clear color. The wide based petals taper to points, giving the flower a triangular effect. Doz. \$2.00.

MARJORIE BOWEN. A very large flower, opening light salmon and passing to deep pink with golden lights. Base pure gold, anthers black. Doz. \$2.00.

MRS. WENTHOLDT. Deep yellow. The petals alternately round and pointed. Base and anthers self yellow. Doz. \$2.25.

MARSHAL HAIG. Deep brilliant red; a perfect bloom with wide base of rich yellow. Doz. \$3.00.

MRS. HOAG. Palest canary yellow, very large long straight stem, and black anthers. Doz. \$1.25.

MISS BLANCHE. White flower. Medium in height. Doz. \$1.25.

NECTAR. Splendid crimson of true Cottage form. Long pointed petals and clear white base. Doz. \$1.25.

ORANGE KING. Large globular flower, glowing orange shaded scarlet. Yellow center and black anthers. Fragrant. Doz. \$1.25.

PERESUS. Clean shining bright red in striking combination with golden orange. Yellow base; ivory anthers. Doz. \$4.00.

SIR HARRY. Large bloom with flaring pointed petals and flexible stem. Its delicate shade of pink suffused with lavender is unusual and most effective in cut flower arrangement. Doz. \$1.35.

IDEAL DARWIN

ADORATION. Soft pink, center deep ivory with blue fans and dark anthers. An improved Clara Butt. Doz. \$4.00.

BABY LOVE. Opens slightly creamy and matures pure white with deep pink veining. Globular in shape, black anthers. Doz. \$5.00

BLUE DANUBE. Good medium blue, violet within. White base, steel blue rays, black anthers. Doz. \$1.25.

BENJAMIN FRANKLIN. Clear, deep lavender—almost purple—with white base. Very large. Doz. \$1.50.

CAMELIA. Satiny rose-pink with white base. Doz. \$1.75.

DUKE OF WELLINGTON. A delightful pure white flower of great beauty and substance; white anthers and pure white base, is carried on a stiff stem. Height 25 inches. Doz. \$2.50.

JEAN SCOTT. Lemon yellow cup; the petals curving inward. Stamens black. Doz. \$2.25.

KRIEMHILDE. Ivory white, with long incurving petals. Base deeper in tone, cream anthers. Doz. \$1.75.

LOVE DREAM. Shell pink deepening to rose at the base. White base with fans of electric blue. Anthers black. Doz. \$1.50.

MRS. GRULLEMAN. White, opening slightly cream. A deep cup with incurving petals, white base and golden anthers. Doz. \$3.00.

SCOTCH LASSIE. Purest deep lavender with darker shade inside and with dark blue base. Doz. \$1.25.

LILY FLOWERING

SIRENE. Clear pink. Beautiful in the garden and unsurpassed for cutting. Doz. \$1.50.

PICOTTE. Typical Cottage Tulip. Creamy white, edges penciled with carmine and base of pale gold. Doz. \$1.25.

THE BRIDE. White, lily-like flower of great elegance. Pale gold stamens. Doz. \$5.00.

MARTHA. Lily type flower of bright cerise. Wide white base with bright blue edge. Yellow anthers. Doz. \$3.00.

HYBRID TULIPS

INGA HUME. A very striking flower. Outside heavily shot with dull rosy-red at base, and wide yellow border. Within it is ivory to pale yellow, shot with rose. Doz. \$3.00.

ADVANCE. Enormous flowers of bright scarlet with heavy purple velvety "bloom" on outer petals. Base darkest blue, almost black. Very tall stem. Earlier than other Cottage Tulips. Doz. \$5.00.

MENDEL TULIPS

MOZART. Pink tinted at first, passing to clear rose-pink. White center and golden anthers. Marvelous keeper. Doz. \$1.25.

VERA. White, suffused with pink which passes to rose when mature. A good keeper and forcer. Doz. \$1.25.

ZENOBER. Cochineal red. Center black with greenish halo. Forcer. Doz. \$1.25.

TRIUMPH TULIPS

SILVERWING. Ivory white. Long flower of great substance on tall flexible stem. Doz. \$1.50.

MR. ZIMMERMAN. Rose pink with silvery sheen on softly tinted edge; color of flower shades into the white base and anthers are yellow. Doz. \$1.25.

PARROT TULIPS

FANTASY. Good stem of medium length; color based on the pink of Clara Butt (of which it is a sport) but with the fantastic shadings, lacinaions and excrescences that distinguish all Parrot Tulips. Its inner coloring of deep soft rose; and the curious incrustations on outside of petals are touched with shades of tender green. Doz. \$2.00.

SUNDE'W. Bright red with white base. Unlike any other tulip, the edges of petals are fringed and notched. Doz. \$1.25.

MISCELLANEOUS

CHAMELEON. Ivory with flames of orchid, rose, mahogany and deep purple. Doz. \$1.25.

SPRING JOY. Glowing ruby crimson flames on white. Doz. \$1.25.

MIXED. All kinds. Doz. \$1.00.

TULIPS (Botanical)

FLORENTINE ORORATA (Sylvestris). A graceful "butter yellow" flower, with bronze exterior, poised upon a slender stem. Quite unlike the ordinary tulip form; fragrant. 3 for 50c; Doz. \$2.00.

KAUFMANNIANA. The earliest to bloom; a charming introduction to the tulip family. The flowers vary through shades of cream and yellow, marked with rose and carmine. 3 for 50c; Doz. \$2.00.

MARJOLETTA. A perfect miniature of rose and gold. Has all the dignity of an Indian chief. 3 for 50c; Doz. \$2.00.

PERSICA. Very rare and extremely good in a tiny sun-drenched meadow in the rock garden. A cluster of bronzy buds then glowing, golden stars in the sunlight; 6 inches. Each 45c; 3 for \$1.25; Doz. \$5.00.

VIOLACEA. Clear rosy violet with base and tips of white; a wonderful show flower. Doz. \$1.50.

SCILLA

BLUE QUEEN. Soft, medium blue; tall. Doz. \$1.00.

COERULEA. The type to naturalize. Doz. 75c.

ROSEA. Pink, if well grown. Doz. \$1.00.

NUTANS MAJOR ALBA. White; drooping bells. Doz. 75c.

CAMPANULATA ALBA. Doz. \$1.00.

ROSALIND. Deep, rosy pink; heavy bells. Doz. \$1.25.

BULBOUS IRISES

These are listed in sequence as they bloom.

WEDGEWOOD (Tingitana hybrid). Standard blue, falls lighter blue, with band of bright yellow. Entirely without mauve or purple shades. Doz. \$1.00.

DAVID TENIERS (Dutch). Falls yellow, standards pale blue. Doz. \$1.00.

THEO. WYCK (Dutch). Wide petaled, medium blue. Doz. \$1.00.

CELESTIAL (Dutch). Fine light blue. Doz. \$1.00.

REMBRANDT (Dutch). Wide deep blue flower, distinguished by orange blotch of large size. Doz. \$1.00.

WHITE EXCELSIOR (Dutch). Best white, having fine form and substance. Doz. \$1.00.

CAJANUS (Spanish). Deepest yellow with wide splash of rich orange on falls. Its beauty as a cut flower is much enhanced by its elegant slender stem. Doz. \$1.00.

THUNDERBOLT. Olive bronze and old gold. A richly beautiful old variety now rarely seen. 2 for 25c; Doz. \$1.25.

ENGLISH IRIS

TULIP GRANGE SEEDLINGS. There is ample compensation for the years of work required to grow these in their great beauty, size and vigor. Their coloring runs from white through blue, orchid, mauve and purple to deepest maroon and navy; mixed. Doz. \$1.50.

CROCUSES

DUTCH CROCUS

KATHLEEN PARLOW. Snow white; finest. Doz. \$1.25.

PALLAS. Striped, blue on white. Doz. \$1.00.

PURPUREA GRANDIFLORA. Deep purple; very large. Doz. \$1.25.

GOLDEN YELLOW. Rich color; first to bloom. Doz. \$1.00.

MIXED CROCUS. Doz. \$1.00.

ALPINE CROCUS

OCHROLEUCUS (Autumn). Cream, yellow base. Doz. 85c.

SATIVUS (Autumn). Large, crimson-lilac. Doz. 60c; 100, \$4.50.

SPECIOSUS (Autumn). Blue; very large. Doz. \$1.00.

SUSIANUS (Winter). Orange and bronze. Doz. 85c.

TOMASSINIANUS (Winter). Mauve to purple. Doz. 60c.

ZONATUS (Autumn). Orchid to pink. Doz. 60c.

ALPINE CROCUS. Mixed. Doz. 50c; 100, \$3.00.

COLCHICUM

AUTUMNALE (August). Pink crocus-like flower. This should be ordered in July and planted at once. 3 for \$1.00; Doz. \$3.50.

AGRIPPINA (September). A rare species. The flowers are slender cups of rich rose color; leaves are slender dark emerald, with wavy edges; upright; attractive in groups among the early perennials. A nice companion for cyclamen as they bloom together. Doz. \$2.00.

MUSCARI

BOTRYOIDES ALBA (White Grape Hyacinth). Doz. \$1.25.

ARMENIACUM. Bright, clear blue. Leafage is conservative, upright and substantial. Doz. 75c.

BOTRIOIDES (Coeruleum). Blue "grape hyacinth." Doz. 50c.

HEAVENLY BLUE. Larger than above and later. Doz. 60c.

MUSCARI PLUMOSUS. Bright purple in color and "feathery" as an ostrich pompom. Blooms in late May and is attractive and permanent in the rock garden or border. Doz. \$1.00.

BULBS, TUBERS, ETC.—of Small Size

Suitable for the Border or Rock Garden

CHIONDOXA LUCILIAE ("Glory of the Snow") (March). One of the "Spring blues," coming very early, and seeming to reflect the cloud flecked blue of the April sky. Permanent bulbs give flowers with sufficient stem for bowl arrangement. When allowed to naturalize by means of self-grown seed it will in time bloom in clouds of blue, if conditions are to its liking, as for trilliums and erythronium. Doz. \$1.00.

ERANTHIS HYEMALIS. Winter aconite, with its small cups of shining gold that nestle among leaf ruffles of vivid green, appearing in January. The little black tuber will not sprout if allowed to get too dry. They are ready in early August and should be purchased and planted at that time or soon thereafter. Blooming size, Doz. 75c; medium size, Doz. \$1.25; clumps, Each, 25c to 50c.

ERANTHIS HYEMALIS—SEED. Plant in summer or early fall, for germination the following Spring. Seedlings will bloom in 2 to 3 years. Pkt. 50c.

GALANTHUS. The "Snowdrop." This is the white that blends the yellows, blues and pinks of the early garden into perfect harmony.

G. ELWESII. Often called the Giant Snowdrop. The first to bloom, the first buds often showing white around Christmas, and standing in perfect condition throughout their long bloom period, regardless of weather conditions. Doz. \$1.25.

G. NIVALIS. Double Snowdrop. Doz. \$1.25.

HYACINTHUS AZUREUS. The smallest of true hyacinths; blooming in February, the tight little clusters of buds, of forget-me-not blue, within a sheath of bright green, thrust upward to add their bit of turquoise to the jewels of early spring. Doz. \$1.00.

HYACINTHUS AMETHYSTINUS. A slender 12-inch stem bearing small perfect bells of clear china-blue with white stripes; rare and desirable. Though not so early as the above, it may be depended upon for May 30 bloom, and would be liked for corsage use if better known. Doz. \$1.50.

HYACINTHUS ITALICA (Roman Hyacinth). Has a good stem of widely spaced bells; color soft medium blue. Naturalized in small groups, it grows into large clumps of great beauty in early spring. Doz. \$2.00.

IRIS BUCHARICA. Yellow and white flowers, borne at the leaf axis of the stalk, which resemble a very small stalk of corn; 12 inches; March. 3 for \$1.00. Doz. \$3.50.

MERTENSIA VIRGINICA. "Virginia blue bell." Each 25c; Doz. \$2.50.

NUNS LILY. (*Anthericum liliastrum paradiseum*). A miniature Easter lily, blooming in late May; about 12 inches. Each 25c.

ORNITHOGALUM UMBELLATUM. The "Star of Bethlehem" of old gardens. A color scheme of white and and green that naturalizes easily. Late May. Doz. \$1.00.

TRITELIA UNIFLORA. A star-like small flower, on 6-inch stem, of soft blue or pearl white. Doz. 75c.

CAMAS-WHITE. Very striking native of Northwest, blooming late May. Doz. \$1.00.

LUCOJUM (Snowflake). Cluster of white, green-tipped bells, lasting throughout the spring, on 12-inch slender stem. Doz. \$1.50.

For a "Little Garden"

to brighten the winter months, use groups of

WINTER ACONITE

GALANTHUS ELWESII

CROCUS TOMASSINIANUS

IRIS RETICULATA

CROCUS SUSIANUS

MUSCARI BOTRIOIDES

CHIONODOXA LUCILAE

with DAPHNE MEZERIUM and CHRISTMAS ROSE to give height, and some of the very early PRIMROSES.

M. B. S.

TABLE OF BULB WEIGHTS

	12 Bulbs	12 Bulbs
Giant Daffodils	3 lbs.	Hyacinths, bedding
Bi-Color Daffodils	2 lbs.	1 to 2 lbs.
Narcissi	1 to 2 lbs.	Tulips, top size
Hyacinths, forcing	3 lbs.	1 lb.
		Crocus, top size
		1/2 lb.
		Other small bulbs.....
		1/2 to 1 lb.

Six Bulbs Sold at One-Half the Price of 1 Dozen; 50 at 100 Rate.

U. S. DEPARTMENT OF AGRICULTURE,

WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Fruit and Vegetable Crops and Diseases
M. R. N.

G P O 8-3591

